

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA2004/000606

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 A01N43/16 A01N63/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>B. PRITHIVIRAJ ET AL.: "A host-specific bacteria-to-plant signal molecule (Nod factor) enhances germination and early growth of diverse crop plants."  <i>PLANTA</i>,          vol. 216, January 2003 (2003-01), pages          437-445, XP002288409          page 440, column 2, paragraph 2</p>	1-5
X	<p>DATABASE CABAB 'Online!'          CABAB INTERNATIONAL, WALLINGFORD, OXON, GB;          2003,          S. ATTI ET AL.: "THE IMPACT OF LCO SPRAY          ON GROWTH OF SOYBEAN UNDER WATER STRESS"          XP002288410          retrieved from STN accession no.          2003:117350          Database accession no. 20033101040          abstract</p>	1-5

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

26 July 2004

06/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Klaver, J

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/CA2004/000606

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	& S. ATT ET AL.: "THE IMPACT OF LCO SPRAY ON GROWTH OF SOYBEAN UNDER WATER STRESS" FEATURE SESSION ICID YOUNG PROFESSIONALS FORUM, 18TH INT. CONGRESS ON IRRIGATION AND DRAINAGE, MONTREAL CANADA, 2002, pages 1-11, NEW DELHI	
X	WO 01/26465 A (UNIV MCGILL ; SMITH DONALD L (CA); ZHOU XIAOMIN (CA); PRITHIVIRAJ BALA) 19 April 2001 (2001-04-19) cited in the application page 5, line 20 - page 7, line 24 page 18, line 3 - page 19, line 7; examples 3,5,6; tables 3,6	1-5
A	WO 00/04778 A (HABIB AHSAN ; MIGNER PIERRE (CA); UNIV MCGILL (CA); SMITH DONALD (CA);) 3 February 2000 (2000-02-03) cited in the application page 4, lines 21-28 page 16, lines 1-8; examples 4-6	1-5
A	US 5 549 718 A (FAUCHER CATHERINE ET AL) 27 August 1996 (1996-08-27) cited in the application column 3, lines 30-37 column 6, lines 21-36 column 12, line 10 - column 13, line 5	1-5
A	US 5 175 149 A (STACEY GARY ET AL) 29 December 1992 (1992-12-29) cited in the application column 1, line 64 - column 2, line 35; examples A-C	1-5

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA2004/000606

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0126465	A	19-04-2001	CA	2285727 A1	08-04-2001
			AU	7766700 A	23-04-2001
			WO	0126465 A1	19-04-2001
			CA	2382614 A1	19-04-2001
			EP	1221846 A1	17-07-2002
WO 0004778	A	03-02-2000	CA	2243669 A1	21-01-2000
			AT	230928 T	15-02-2003
			AU	4892499 A	14-02-2000
			CA	2338108 A1	03-02-2000
			WO	0004778 A1	03-02-2000
			DE	69904939 D1	20-02-2003
			DK	1098567 T3	02-06-2003
			EP	1098567 A1	16-05-2001
			ES	2192389 T3	01-10-2003
US 5549718	A	27-08-1996	FR	2660658 A1	11-10-1991
			AT	140007 T	15-07-1996
			AU	7767891 A	30-10-1991
			CA	2079782 A1	07-10-1991
			DE	69120670 D1	08-08-1996
			EP	0523186 A1	20-01-1993
			WO	9115496 A1	17-10-1991
			HU	66705 A2	28-12-1994
			JP	5506780 T	07-10-1993
US 5175149	A	29-12-1992	US	5321011 A	14-06-1994